



# SUDHAKARAN THIRUNAVUKKARASU

B.Tech. - Information Technology

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## BRIEF SUMMARY

I am a final year IT student who focuses on Full stack development and data analysis, with expertise in Python, C++, R, SQL, and Java, excelling in handling intricate datasets and extracting valuable insights. Proficient in data visualization with Tableau and Excel, and skilled in web development with HTML, CSS, and JavaScript, I am excited to take on real-world challenges. I utilise React.js for interactive frontend development, Node.js/Express for flexible backend APIs, and Spring Boot for Java-based backend solutions to incorporate advanced ML and AI techniques in deploying predictive models and optimizing data processing.

## KEY EXPERTISE

Python Java C++ C Javascript Web Development ReactJS Node.js Express.js Spring Boot SQL  
PostgreSQL MongoDB R Excel Power BI Tableau

## EDUCATION

**Sri Sivasubramaniya Nadar College of Engineering (SSN), Chennai**

2021 - 2025

B.Tech. - Information Technology | CGPA: 7.72 / 10

**Govt.Hr.Sec.School,Kunnagampoondi, Vandavasi**

2021

12<sup>th</sup> | TNBSE | Percentage: 94 / 100

**Govt.Hr.Sec.School,Kunnagampoondi, Vandavasi**

2021

10<sup>th</sup> | TNBSE | Percentage: 91 / 100

## AWARDS AND SCHOLARSHIPS

- National Means-cum-merit Scholarship Scheme(NMMS) Related to School
- Tamil Nadu Rural Students Talent Search Examination (TRUST) Related to School
- Scholarship for Potential Under-graduate Rural Students (SPURS) Related to SSN

## INTERNSHIPS

**Rocketlane** | IT Product & Services

20 Jun, 2024 - 20 Aug, 2024

Software Engineer

**Key Skills:** Java Spring Boot ReactJS CSS

During my internship at Rocketlane, a SaaS-based product company, I worked extensively with React ,Java Spring Boot and PostgreSQL. My primary focus was on resolving bugs, addressing design issues, and refactoring code to enhance efficiency and maintainability. This role allowed me to apply my technical knowledge in a practical setting, improving my problem-solving skills and understanding of software development.

## PROJECTS

**LeaveManager**

20 Jun, 2024 - 28 Jun, 2024

**Key Skills:** ReactJS CSS Java Spring Boot PostgreSQL

**Project Link:** <https://github.com/SudhakaranGT/LeaveManager>

Frontend Developer | During my first week at Rocketlane, I developed a leave manager application, I focused on the frontend. I created a user-friendly interface and implemented form functionalities, applying my React and front-end development skills

**Job Board**

01 Feb, 2024 - 31 May, 2024

**Key Skills:** React.js Node.js Express.js Machine Learning Python ML

**Project Link:** <https://github.com/SudhakaranGT/JobBoard>

Lead Developer | a comprehensive job portal that utilises machine learning techniques for resume classification, resume ranking, and fraud detection in job listings.

## Real Estate Web

01 Mar, 2024 - 31 Mar, 2024

**Key Skills:** React.js CSS

**Project Link:** <https://github.com/SudhakaranGT/RealEstateWeb>

A frontend web app for a real estate using React.

## T20 2022 - Cricket Data Analysis

01 Nov, 2023 - 04 Dec, 2023

**Key Skills:** Power BI Web Scrapping Python

Data collected through web scrapping method and comprehensive dashboard for analysis using power BI

## Sign Language Translation

01 Sep, 2023 - 30 Nov, 2023

**Mentor:** Mrs.Sornavalli | **Team Size:** 3

**Key Skills:** Python Opencv Mediapipe Tensorflow MongoDB Deep Learning

**Project Link:** <https://github.com/SudhakaranGT/Sign-Language-Translation>

Scrum Master|

Developing a software for converting a sign into a text language and Speech into a sign images using deep learning models.

## Plagiarism Checker

01 Mar, 2023 - 09 Aug, 2023

**Mentor:** Dr.Mohanavalli | **Team Size:** 6

**Key Skills:** Python Data Base Flask HTML CSS Javascript

**Project Link:** <https://github.com/SudhakaranGT/Plagarism-Checker>

Lead Developer| A Web Application for finding similarity index between two documents and Web design, implementation in HTML , CSS , establishing connection using Flask ,implementation of Advanced Data Structure.

## Package Delivery System

01 Feb, 2022 - 31 May, 2022

**Mentor:** Dr. Karthika | **Team Size:** 5

**Key Skills:** Python Data Structures Tkinter

**Project Link:** <https://github.com/SudhakaranGT/Package-Delivery-System>

Lead Developer | a Python project implementing a package delivery system using data structures and tkinter for the graphical user interface.

## ACHIEVEMENTS

- o School Topper in both SSLC and HSC
- o School Pupil Leader
- o 5 Star for Python in Hacker Rank

## ASSESSMENTS / CERTIFICATIONS

### Google| Data Analytics Professional Certificate

**Aggregate:** 91.37 / 100

**Key Skills:** Data Analytics Data Analysis SQL Spreadsheets Excel R Tableau

Studying extensive job-ready Google Career Certificate Training. Demonstrate hands on experience with data cleaning, data visualization, project management, interpreting and communicating data analytics findings.

Certification Link:<https://www.coursera.org/account/accomplishments/certificate/47CWN4RYEKHS>

### Meta| Introduction to Front-End Development

**Aggregate:** 96.68 / 100

**Key Skills:** HTML CSS Bootstrap React Git

A key Course that helped me to understanding and creating websites

Certification link:<https://www.coursera.org/account/accomplishments/certificate/B4R5CP9XTFJS>

### NPTEL | Ethical Hacking

**Aggregate:** 70 / 100

**Key Skills:** Networking

## PERSONAL INTERESTS / HOBBIES

- o Chess

## WEB LINKS

- o Other - [https://codeforces.com/profile/GT\\_Sudhakaran](https://codeforces.com/profile/GT_Sudhakaran)
- o Other - <https://www.hackerrank.com/sudhakarangt>
- o Github - <https://github.com/SudhakaranGT>

## PERSONAL DETAILS

**Gender:** Male

**Marital Status:** Single

**Current Address:** 359,Pillaiyar Kovil Street, C.M.pudur ,Desur  
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Tamil Nadu, India - 604501

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**Date of Birth:** 23 Mar, 2004

**Known Languages:** English,Tamil

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